VA5511AT

User information

Dishwasher

Dear customer,

Please read this User Information carefully and keep it to refer to at a later date.
Pass this User Information on to any subsequent owner of the appliance.

The following symbols are used in the text:

Safety instructions
Warning: Notes that concern your personal safety.
Attention: Notes that show how to avoid damage to the appliance.

Useful tips and hints

Environmental information

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Operating Instructions

⚠ Safety

Prior to using for the first time

- Follow the **"Instructions for installation and connection"**.

Correct use

- The dishwasher is only intended for washing domestic dishes.
- Additions or modifications to the dishwasher are not permitted.
- Use only special salt, detergent and rinse aid suitable for domestic dishwashers.
- Do not put any solvents in the dishwasher. This could cause an explosion.

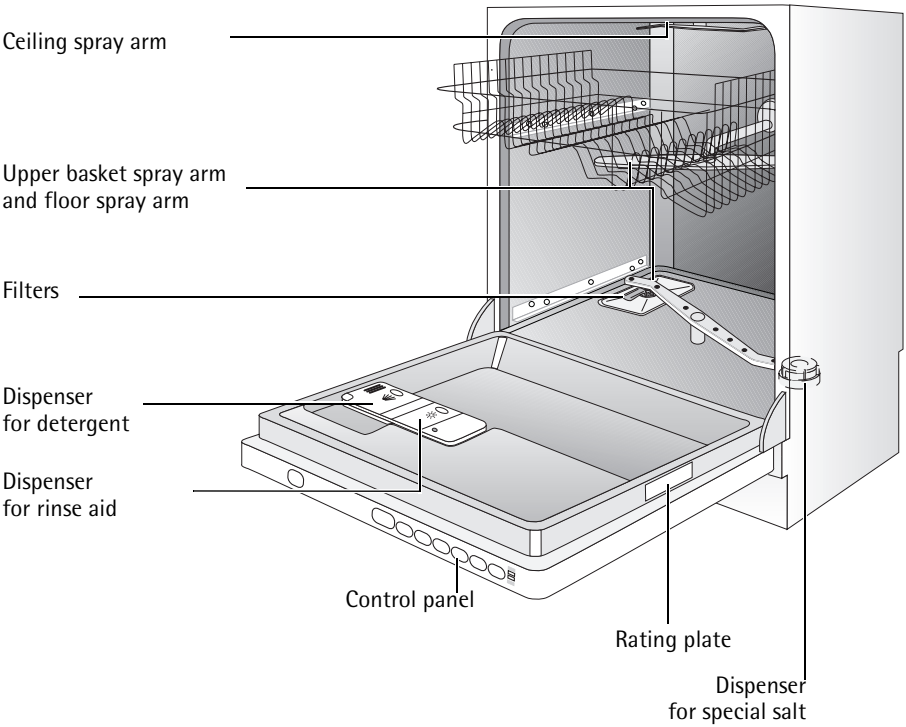
Child safety

- Keep packaging away from children. There is a risk of suffocation.
- Children often do not recognise the hazards associated with electrical appliances. Don't allow children to use the dishwasher unsupervised.
- Make sure that children and pets don't climb into the dishwasher. Could endanger life!
- Dishwasher detergents can cause chemical burns to the eyes, mouth and throat. Could endanger life! Comply with the safety instructions of the dishwasher detergent manufacturer.
- The water in the dishwasher is not for drinking. Risk of chemical burns.

General safety

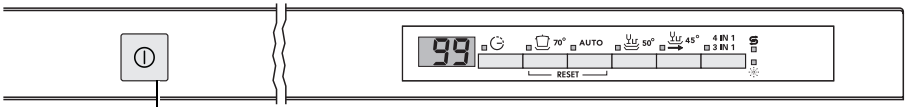
- Repairs to the dishwasher are only to be carried out by qualified service engineers.
- When the dishwasher is not being used, switch it off and shut off the water tap.
- Never unplug the appliance by pulling on the cable. Always pull the plug.
- Ensure that the door of the dishwasher is always closed when it is not being loaded or unloaded. In this way you will avoid anybody tripping over the open door and hurting themselves.
- Never sit or stand on the open door.
- If the dishwasher is located in a room where there may be a frost, remove the connection hose from the tap after each use of the dishwasher.

Diagram of appliance



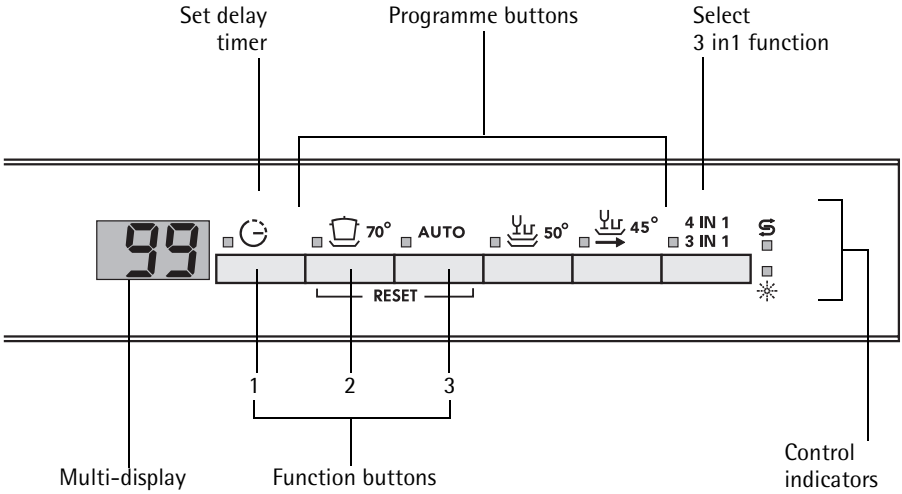
Control panel

To use the appliance, always open the dishwasher door first.



ON/OFF button

The **ON/OFF button** is used to turn the dishwasher on and off.



The **Programme buttons** are used to select the desired dishwashing cycle.

Function buttons: In addition to the pre-set dishwashing cycle, the following functions can also be set using these buttons:

Function button 1	Sets the water softener
Function button 2	Activates/deactivates rinse aid inflow when 3in1 on
Function button 3	Activates/deactivates the acoustic signal

The rinse aid inflow is only affected, if the 3in1 function is selected.

The **multi-display** can indicate:
– the level of hardness to which the water softener is set.
– whether the rinse aid inflow has been activated/deactivated.
– whether the acoustic signal has been activated/deactivated.
– the start delay that has been set.
– the estimated time remaining for the current dishwashing cycle.
– what type of error has occurred with the dishwasher.

The **control indicators** have the following meanings:

1)	Refill with special salt
1)	Refill with rinse aid

1) These control indicators are never illuminated while a dishwashing cycle is running.

Prior to using for the first time

If you wish to use 3 in 1 detergent:
– First read the section "Using 3in1 detergents".
– Do not fill up with special salt or rinse aid.

If you do not use 3in1 detergent, before using for the first time

1. Set the water softener
2. Fill up with special salt for water softeners
3. Fill up with rinse aid

Setting the water softener

To avoid scale deposits on the dishes and in the dishwasher, the dishes must be washed with soft water, i.e. water with a low lime content. The water softener must be set according to the table to the water hardness in the area where you live. Your local water company will be able to give you information about the water hardness in your area.

1. Press the ON/OFF button.

If the only LED indicator illuminated belongs to a programme button, this means that this dishwashing cycle has been activated. The dishwashing cycle must be deselected:
Press function buttons **2** and **3** simultaneously for approx. 2 seconds. Two lines are displayed in the multi-function display.

2. Press function buttons **2** and **3** simultaneously and keep them pressed. The LED indicators for function buttons 1 to 3 will flash.
3. Press function button **1**.
   The LED indicator for function button **1** will flash.
   The multi-display will indicate the hardness setting.
4. Pressing function button **1** increases the hardness setting by 1. (Exception: hardness setting 1 follows hardness setting 10).
5. When the hardness setting is correct, press the ON/OFF button.
   The hardness setting is now saved.

If the water softener is set electronically to “1”, this switches off the control indicator for special salt.

Water hardness			Adjusting the hardness setting	Indication on the multi-display
in °d[1)]	in mmol/l[2)]	Range		
51 - 70	9,0 - 12,5	IV	10[3)]	10L .
43 - 50	7,6 - 8,9		9	9L
37 - 42	6,5 - 7,5		8	8L
29 - 36	5,1 - 6,4		7	7L
23 - 28	4,0 - 5,0		6	6L
19 - 22	3,3 - 3,9	III	5*	5L
15 - 18	2,6 - 3,2		4	4L
11 - 14	1,9 - 2,5	II	3	3L
4 - 10	0,7 - 1,8	I/II	2	2L
below 4	below 0.7	I	1 no salt necessary	1L

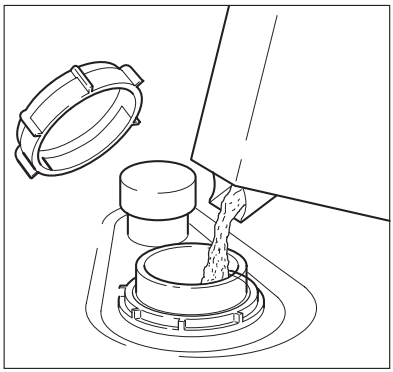
1) (°d) German degree, measure of the hardness of water
2) [mmol/l] millimol per litre, international unit for water hardness
3) On this setting the length of the dishwashing cycle may be slightly longer.
*) factory setting

Adding special salt

To decalcify the water softener, it must be filled up with special salt. Use only special salt suitable for domestic dishwashers.

If you do not use 3 in1 detergent, fill up with special salt:

– Before using the dishwasher for the first time.
– When the control indicator for special salt is illuminated on the control panel.



1. Open the door and remove the lower basket.
2. Screw open the lid on the salt dispenser by turning it anti-clockwise.
3. **Only when using the dishwasher for the first time:**
   Fill the salt dispenser with water.
4. Fill the dispenser with special salt; the capacity of the dispenser is approx. 1.0-1.5 kg, depending on the size of the grains. Do not overfill the dispenser.

If water overflows when filling up with special salt, this is completely harmless.

5. Clean away any salt remnants from the dispenser opening.
6. Screw the lid back on in a clockwise direction.
7. **Run a dishwashing cycle after filling the salt dispenser with special salt.** This will wash away salt water and salt crystals that have been spilt.

Depending on the size of the salt grains, it can take several hours for the salt to dissolve in the water and for the control indicator for special salt to go out.

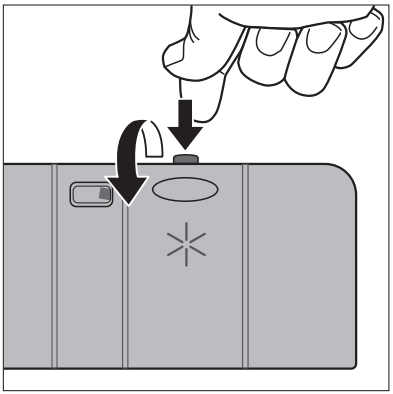
Filling up with rinse aid

With rinse aid the rinsing water drains away better and so you get smear-free, gleaming dishes and clear glasses.

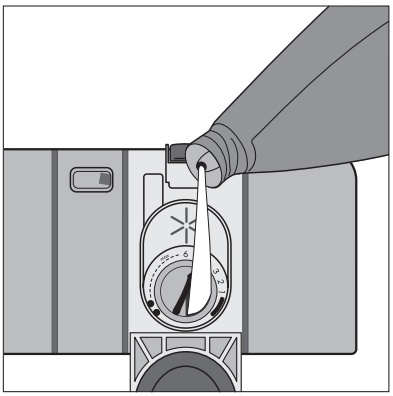
If you do not use 3in1 detergent, fill up with rinse aid:

– Before using the dishwasher for the first time.
– When the control indicator for rinse aid is illuminated on the control panel.

Use only special rinse aid for dishwashers and no other liquid detergents.



1. Open the door.
   The rinse aid compartment is located on the inside of the dishwasher door.
2. Press the release button on the rinse aid compartment.
3. Open the cover.

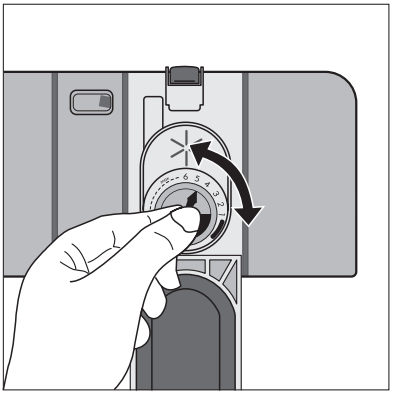


4. Pour rinse aid in slowly right up to the broken "max" line;
   this corresponds to a volume of approx. 140 ml when full.
5. Press the lid shut until it clicks into place.
6. Wipe up any spilt rinse aid with a cloth. Otherwise there will be too much foam when rinsing.

Setting the amount of rinse aid required

Only change the amount dispensed, if smears, milky spots (reduce the amount) or dried on water spots (increase the amount) can be seen on glasses and dishes. (See section "If dishwashing results are not satisfactory".) The dosage can be set from 1-6. The dosage is pre-set to "4" in the factory.

1. Open the dishwasher door.
2. Press the release button on the rinse aid compartment.
3. Open the cover.
4. Set the dosage level.
5. Press the lid shut until it clicks into place.
6. If rinse aid has leaked out, wipe it away with a cloth.



Activating/deactivating the inflow of rinse aid

If the 3 in1 button is pressed, you do not need to deactivate the inflow of rinse aid.

1. Press the ON/OFF button.

If the only LED indicator illuminated belongs to a programme button, this means that this dishwashing cycle has been activated. The dishwashing cycle must be deselected:
Press function buttons **2** and **3** simultaneously for approx. 2 seconds.
Two lines are displayed in the multi-function display.

2. Press function buttons **2** and **3** simultaneously and keep them pressed.
The LED indicators for function buttons 1 to 3 will flash.
3. Press function button **2**.
The LED indicator for function button **2** will flash.
The multi-display will indicate the current setting:

0d	Inflow of rinse aid is deactivated
id	Inflow of rinse aid is activated (factory setting)

4. Pressing function button **2** activates and deactivates the rinse aid dispensing function.
5. Once the multi-display is indicating the required setting, press the ON/OFF button. The setting is now saved.

Activating/deactivating the acoustic signal

In addition to the optical display (e.g. indicating the end of the cycle, errors) you can also choose to set an acoustic signal.

1. Press the ON/OFF button.

If the only LED indicator illuminated belongs to a programme button, this means that this dishwashing cycle has been activated. The dishwashing cycle must be deselected:
Press function buttons **2** and **3** simultaneously for approx. 2 seconds. Two lines are displayed in the multi-function display.

2. Press function buttons **2** and **3** simultaneously and keep them pressed. The LED indicators for function buttons 1 to 3 will flash.

3. Press function button **3**.
The LED indicator for function button **3** will flash.
The multi-display will indicate the current setting:

0b	Acoustic signal deactivated
1b	Acoustic signal activated (ex-factory setting)

4. Pressing function button **3** will change the setting.

5. Once the multi-display is indicating the required setting, press the ON/OFF button. The setting is now saved.

In daily use

Loading cutlery and dishes

⚠ Sponges, cleaning cloths and any other objects that can absorb water must not be washed in the dishwasher. Plastic and Teflon-coated dishes and pans tend to retain water droplets. These dishes and pans therefore do not dry as well as those made of china and stainless steel.

For washing in the dishwasher, the following cutlery/dishes/pots and pans	
are not suitable:	**are of limited suitability:**
• Cutlery with wooden, horn, china or mother of pearl handles • Plastic items that are not heat resistant • Older cutlery with cement that is sensitive to temperature • Dishes or cutlery with glued parts • Pewter or copper items • Lead crystal glass • Steel items that rust • Wooden boards/platters • Items made from synthetic materials	• Only wash stoneware in the dishwasher if it is specifically marked by the manufacturer as being dishwasher-safe. • Glazed patterns may fade if washed very frequently in the dishwasher. • Silver and aluminium parts have a tendency to discolour during washing. Food remains, e.g. egg white, egg yolk and mustard often cause discoloration and staining on silver. Therefore always clean food residues from silver immediately, if it is not to be washed straight after use. • Glass can become dull after a large number of washes.

- Before loading the dishes, you should:
  - Remove the worst of the food residues.
  - Soak pans with burnt-on food residues.
- When loading the dishes and cutlery, please note:
  - Dishes and cutlery must not impede the rotation of the spray arms.
  - Load bowls, cups, glasses, pans, etc. with the opening downwards so that water cannot collect in them
  - Dishes and items of cutlery must not lie inside one another or cover one another
  - To avoid damage to glasses, they must not touch one another
  - Don't put small items (e.g. lids) in the baskets for the dishes, but in the cutlery basket, so that they can't fall through the holes.

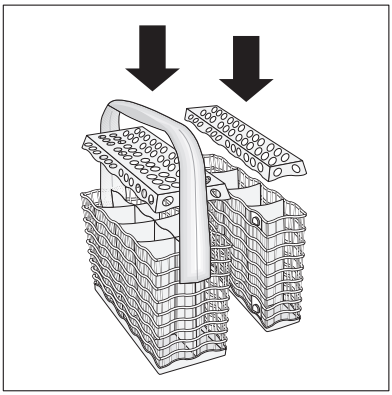
Loading cutlery

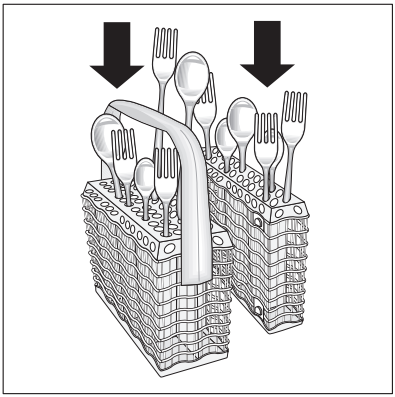
Warning: Sharp knives and other items of cutlery with sharp edges must be laid in the cutlery rack or in the upper basket to avoid the risk of injury.

To ensure that all items of cutlery in the cutlery basket can be reached by the water, you should:

1. Place the grid insert on the cutlery basket

2. Place forks and spoons in the cutlery basket's grid insert with their handles pointing downwards.



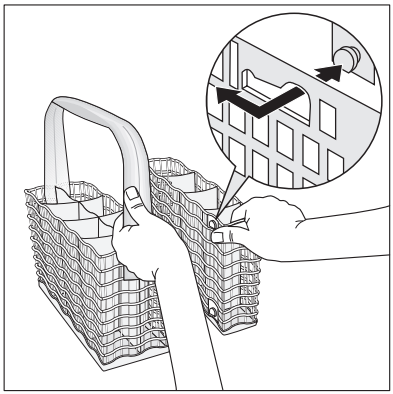


For larger utensils, such as whisks, leave off one half of the cutlery grid.

The cutlery basket consists of two parts that can be taken apart.

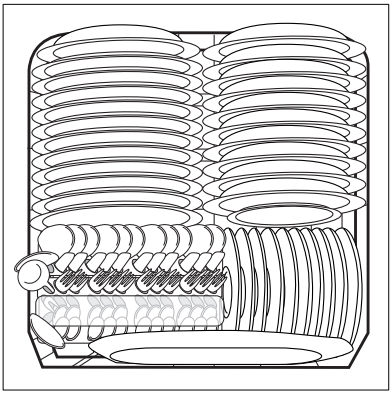
1. To separate, push them horizontally in opposite directions and pull apart.

2. To put together, do this in reverse.



Pots, Pans, Large Plates

Load large and heavily soiled dishes in the lower basket.

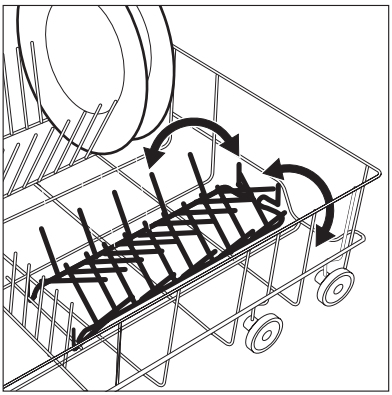


The plate rack running right to left at the front right-hand side is most suitable for small flat plates with a diameter of 170-210 mm.

A serving plate can be placed in front of the cutlery basket.

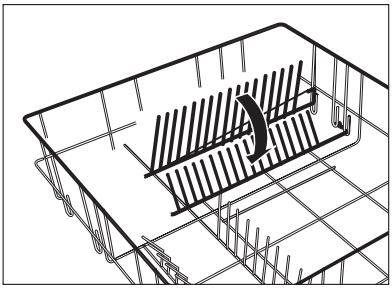
To make it easier to load larger dishes, all rear plate rests in the lower basket can be folded down.

Folding down the right plate rest makes a second plate rest that is particularly suitable for deep plates or bowls.



1. Lift the two plate racks slightly at the back and fold them simultaneously inwards making them cross over one another.

The left plate rest can be folded down and the width can be adjusted.

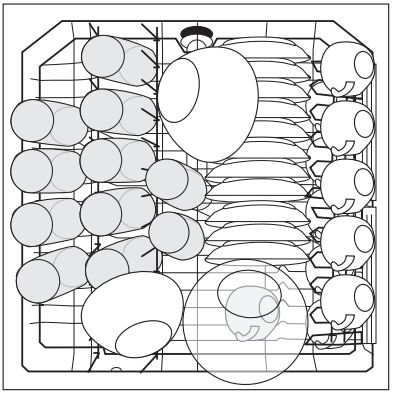


1. To fold them down, lift the two plate racks slightly at the back and fold them inwards making them cross over one another.
2. To set the width, pull the right-hand plate rest upwards at the back until it disengages, then pull it towards the back out of the front guide.

3. Insert the plate rest in the other guide and press it down at the back until it snaps in.

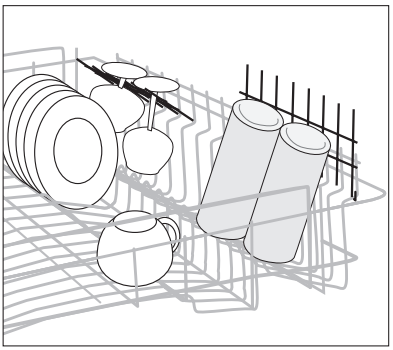
Cups, Glasses, Coffee Service

Load smaller, fragile crockery and long, sharp cutlery in the upper basket.



Adjustable cup racks

- Arrange items of crockery on and under the folding cup racks so that they are offset from each other and water can reach all items.
- The cup racks can be folded up out of the way for tall crockery items.
- The cup racks can also be fixed in an intermediate position. Lay or hang glasses with stems in the slots in the cup racks.

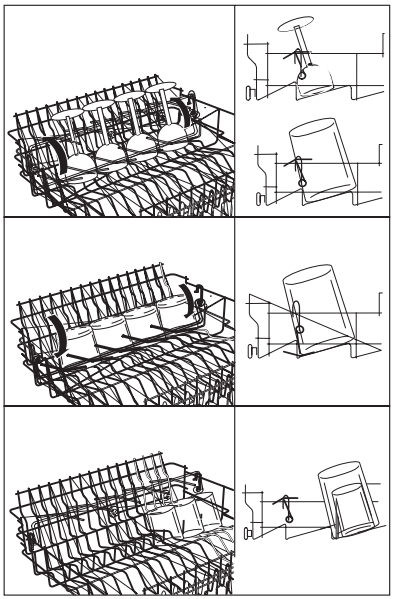


Glass holders

For glasses with stems and tall cylindrical glasses, fold up the glass holder. (Top picture)

To unload or when not needed, fold the glass holders back to the right. (Middle picture)

Glasses can also be placed over the bars pointing up. (Bottom picture)

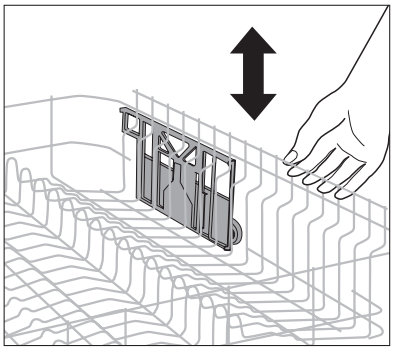


Adjusting the height of the upper basket

	Maximum height of dishes in the	
	Upper basket	**Lower basket**
with upper basket raised	19 cm	32 cm
with upper basket lowered	21 cm	30 cm

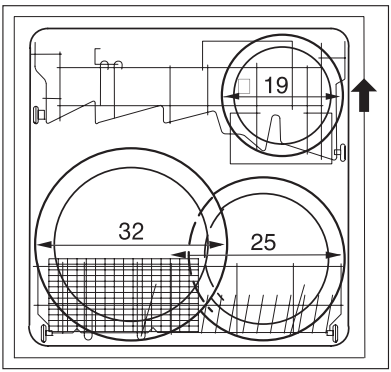
The height of the baskets can also be adjusted when they are loaded.

Raising/lowering the upper basket

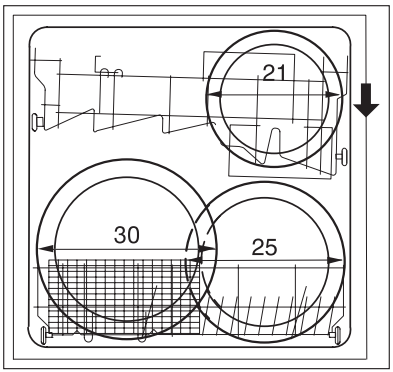


1. Pull out the upper basket completely.
2. Raise the upper basket as far as it will go and then lower it vertically. The upper basket will latch into the lower or the upper position.

Maximum plate sizes,
upper basket in **upper position**

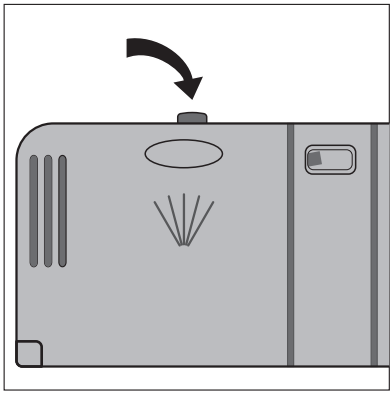


Maximum plate sizes,
upper basket in **lower position**



Adding detergent

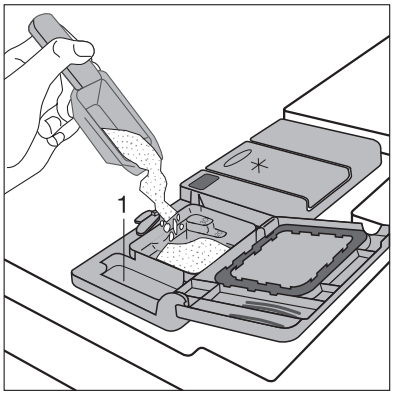
Detergents remove the dirt from dishes and cutlery.
The detergent must be added before the cycle starts.



⚠ Only use detergent intended for domestic dishwashers.

The detergent compartment is located on the inside of the door.

1. If the lid is closed:
   Press the release button.
   The lid will spring open.



2. Place the detergent in the detergent dispenser. The markings indicate the dosing levels for powder detergents: "20/30" corresponds to approx. 20/30 ml of detergent.
   Follow the manufacturer's instructions with regard to dosing and storage.
3. Close the lid and press until it locks into place.

ℹ In the case of very heavily soiled dishes, fill the adjoining compartment (1) with additional detergent.
This detergent comes into use during the pre-wash cycle.

Concentrated detergents

Today's detergents for dishwashers are almost exclusively low-alkaline concentrated detergents with natural enzymes in tablet or powder form.

Using 50°C dishwashing cycles in conjunction with these concentrated detergents reduces pollution and is good for your dishes, as these dishwashing cycles are specially matched to the dirt-dissolving properties of the enzymes in concentrated detergents. It is for this reason that using 50 °C dishwashing cycles in conjunction with concentrated detergents can achieve the same cleaning results that can otherwise only be achieved using 65 °C cycles.

Detergent tablets

Detergent tablets from different manufacturers dissolve at different rates. For this reason, some detergent tablets do not attain their full cleaning power during short cycles. Therefore please use dishwashing cycles with pre-wash when using detergent tablets.

Using 3in1 detergents

These products are detergents with a combined cleaning, rinsing and salt function.

When the 3in1 function is activated,
– the addition of special salt and rinse aid from the respective dispenser is prevented.
– If the salt and rinse aid dispensers are empty, this is not indicated.
– The dishwashing cycles can be up to 30 minutes longer.

If you want to use 3in1 detergents, check whether these detergents are suitable for your water hardness. (Follow the manufacturer's instructions.)

If you want to use 3in1 products

1. Press the ON/OFF button.
2. Press the **3 IN 1/ 4 IN 1** button.
   The button indicator lights up: 3in1 function is selected.

Before the start of the dishwashing cycle put 3in1 detergent in the detergent dispenser.

As the rinse aid inflow is automatically switched off when the 3in1 function is activated, it may come about because of the different quality standards in the 3in1 detergent, that the dishes do not dry sufficiently.
If this happens, proceed as follows (see section "Adding rinse aid"):

- Fill up the dispenser (if this is empty) with rinse aid.
- Set rinse aid dosage to "2" mechanically.
- Activate rinse aid inflow.

If you do not want to use 3in1 products any more

If you want to stop using 3in1 products, please do the following:

- Deactivate the 3in1 function.
- Fill up the dispensers for salt and rinse aid again.
- Switch the water softener to the highest setting and perform up to three normal cycles without loading any dishes.
- Then set the water softener to the water hardness in your area.

If you want to use 4in1 products

When using "4 in 1" detergents that integrate also anti- glass corrosion agent into "3 in 1" formula, please follow the same indication as given for "3 in 1" detergents.

Selecting the dishwashing cycle (Cycle Table)

Dishwashing-cycle	Suitable for:	Type of soiling	Programme sequence					Consumption values[1]		
			Pre-wash	Main wash	Intermediate rinse	Final rinse	Drying	Length (minutes)	Energy (kWh)	Water (litres)
70°	Dinner service and cookware	heavily soiled, dried-on food remains, in particular protein and starch	•	•	2x	•	•	110 - 120	1,75 - 1,95	22 - 24
AUTO[2]	Dinner service and cookware	normally soiled, dried-on food remains	•	•	1 to 2x	•	•	90 - 115	1,0 - 1,5	12 - 22
50°[3]	Dinner service and cookware, temperature-sensitive crockery	normally soiled	•	•	•	•	•	130 - 160	0,95 - 1,05	14 - 16
45°	Dessert dishes and coffee service, delicate glassware	lightly soiled	-	•	2x	•	•	73	0,9	14

1) The consumption values were obtained under standardised conditions. They depend on how full the baskets for the dishes are. Variations are therefore possible in practice.

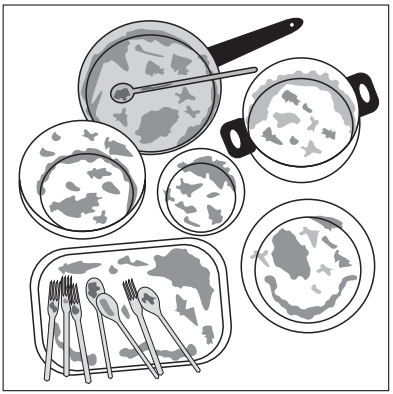
2) When using this cycle the degree of water clouding determines the amount of soiling on the dishes. The length of the cycle and water and energy consumption can vary greatly – depending upon the load and how dirty the dishes are. Depending upon the soiling, the temperature of the water will be automatically adjusted to between 50°C and 65°C.

3) Test programme for Test Institutes

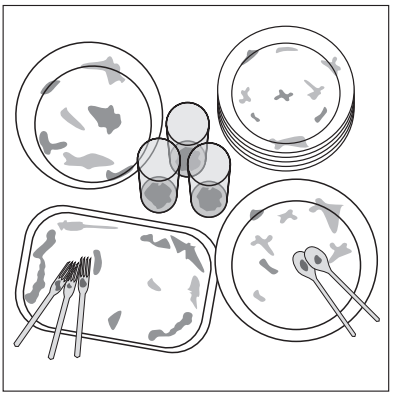
Selecting a programme

When your dishes look like this, select:

an intensive programme.



a normal or energy-saving programme.



Starting a dishwashing cycle

1. Check that the spray arms can turn freely.
2. Turn the water tap on fully.
3. Press the ON/OFF button.
4. Select the desired programme.
   The programme indicator will illuminate.
5. Close the door. The wash programme will begin.

Interrupting or aborting a dishwashing cycle

Only interrupt a dishwashing cycle that is in progress if it is absolutely necessary.

Interrupting the dishwashing programme by opening the dishwasher door

⚠ Hot steam may escape when the door is opened. There is a risk of scalding.

1. Open the door carefully. The dishwashing cycle will stop.
2. Close the door. The cycle will continue.

Aborting the dishwashing cycle

1. Press function buttons **2** and **3** and keep them pressed.
   Two lines are displayed in the multi-display.
2. Release the function buttons. The dishwashing cycle has been cancelled.
3. If you want to start a new cycle, check whether there is any detergent in the dispenser.

Setting the Delay Timer

ⓘ With the delay timer you can delay the start of a dishwashing cycle for between 1 and 19 hours.

1. Press the Delay Timer button repeatedly until the multi-display shows the desired time delay, for example, 12h, if the cycle is to start in 12 hours. The Delay Timer indicator is lit.
2. Select dishwashing cycle.
3. The time remaining until the start of the cycle is continuously displayed (e. g., 12h, 11h, 10h, ... 1h etc.).
4. Close the door.

To change the delay timer:
As long as the cycle has not yet started, you can still change the setting by pressing the Delay Timer button after opening the door.

Cancelling the time delay:
Press the Delay Timer button repeatedly until the length of the selected cycle appears in the multi-display. The selected dishwashing cycle will begin immediately.

To change a dishwashing cycle
As long as the cycle has not yet started, you can still change the dishwashing cycle. First abort the dishwashing cycle, then re-set the time delay, lastly select the new dishwashing cycle.

Switching off the dishwasher

If the acoustic signal has been enabled, a continuous tone will sound for approx. 15 seconds at the end of the dishwashing cycle.

⚠ Carefully open the door. Hot steam may escape.

Hot dishes are sensitive to knocks. Therefore leave the dishes to cool for about 15 minutes before removing them. You also get a better drying result.

1. Press the ON/OFF button. All display indicators will go out.
2. Turn off the water tap.

ⓘ If the dishwasher is not switched off, then the acoustic signal is repeated after 3 minutes and after 6 minutes.

Removing the dishes

ⓘ It is normal for the inner door and the dispensers to be damp.

- Empty the lower basket first, then the upper basket. This way you avoid dripping water from the upper basket onto dishes in the lower basket.

Care and cleaning

⚠ Do not use furniture care products or aggressive cleaners.

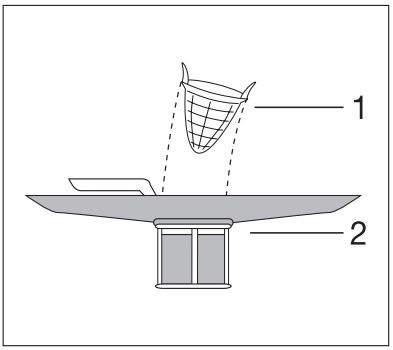
- When necessary, clean the dishwasher's controls with a soft cloth and clean warm water.
- Occasionally check the internal dispensers, door seal and water inlet filter (if fitted) for dirt and clean them, if necessary.

Polished chromium steel surfaces
Remove light dirt with a clean, damp, soft cloth – microfibre cloths are particularly good.

⚠ When cleaning ensure that you do not go against the direction of the stainless steel finish (the fine horizontal lines).
No circular movements!

Alulook surfaces
Remove light dirt with a clean, damp, soft cloth – microfibre cloths are particularly good.
Agents that scratch or scour are not suitable.
If required, use a commercially available cleaner for chrome surfaces.
Follow the manufacturer's instructions when using this cleaner.

Cleaning the filters



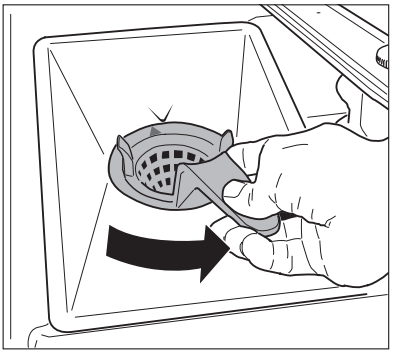
The filters must be regularly checked and cleaned. Dirty filters will affect the dishwashing results.

Coarse filter (1)
The coarse filter must be checked after every dishwashing cycle.

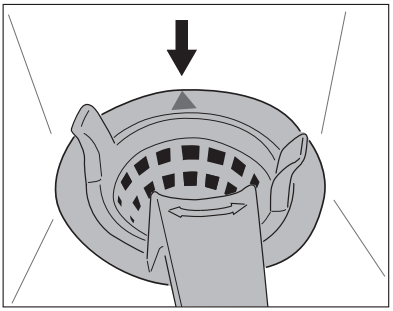
1. Open the door and remove the lower basket.
2. Remove the coarse filter.
3. If necessary, rinse under running water and replace.

Fine filter (2)
The fine filter must be cleaned occasionally.

1. Open the door and remove the lower basket.
2. Release the fine filter by turning to the right and remove.
3. Clean the fine filter thoroughly with a brush under running water.



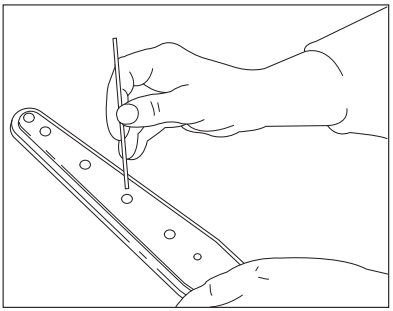
4. Place the fine filter in the holder and turn to the left until you feel it click into place (arrow).



Do not press the handle downwards. If the filter does not click into place, this can lead to the spray arm nozzles becoming blocked.
Under no circumstances may the dishwasher be used without its filters.

Cleaning the spray arms

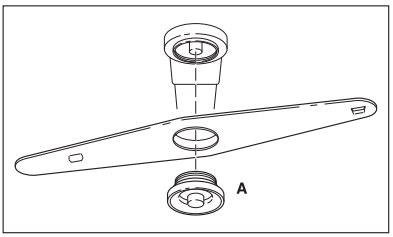
Regularly check the nozzles in the three spray arms for blockages. If necessary, clean the nozzles with a piece of fine wire or a fine needle and a strong water jet.



⚠ Do not damage the nozzle openings.

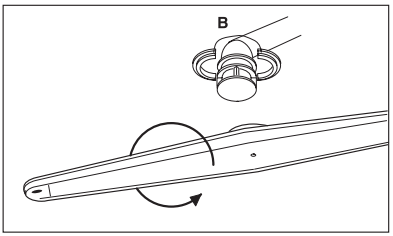
Top spray arm

1. Undo the fixing screw (**A**) by turning anti-clockwise.
2. Pull the spray arm off the shaft.
3. Clean the spray arm and the fixing screw.
4. Fasten the spray arm with the fixing screw (**A**) turning clockwise.



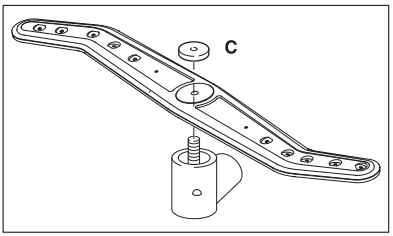
Middle spray arm

1. Remove the middle spray arm by turning it laterally.
   The two-part spray arm bearing is held together by a tension spring (**B**)
2. Clean spray arm nozzles.
3. To re-fit, press the middle spray arm upwards until you feel it snap into place.



Lower spray arm

1. Undo the fixing screw (**C**) by turning anti-clockwise.
2. Pull the spray arm off the shaft.
3. Clean the spray arm and the fixing screw.
4. Fasten the spray arm with the fixing screw (**C**) turning clockwise.



What to do if...

Remedying small malfunctions

If the acoustic signal is activated, warning tones sound if there are faults.
If one of the following fault codes is displayed in the multi-display during operation:
– Fault code F10 (Problems with water inlet),
– Fault code F20 (Problems with water drainage),
please have a look at the following table.

When the fault is remedied, press the button for the cycle that has started. The cycle will continue.

With other fault codes ("F" followed by a number):
– Abort the dishwashing cycle.
– Switch the appliance off and on again.
– Re-set the dishwashing cycle.
If the fault is displayed again, please contact the Customer Care Department and inform them of the fault code.

Malfunction	Possible cause	Remedy
1 short warning tone continuously repeated can be heard, the cycle indicator for the selected dishwashing cycle is flashing: fault code F10 is displayed in the multi-display: (Problems with water inlet)	Water tap is blocked with limescale or faulty.	Check the water tap and have it repaired if necessary.
	The tap is turned off.	Turn the tap on.
	The filter (where present) in the threaded hose fitting on the tap is blocked.	Clean the filter in the threaded hose fitting.
	Filters in the base of the dishwasher compartment are blocked.	Cancel the dishwashing cycle (see chapter: Starting a dishwashing cycle), clean filters (see chapter: Cleaning the filters), then start the dishwashing cycle again.
	Water inlet hose has not been correctly positioned.	Check the position of the hose.

Malfunction	Possible cause	Remedy
2 short warning tones continuously repeated can be heard. The cycle indicator for the selected dishwashing cycle is flashing, fault code i20 is displayed in the multi-display. (Problems with water outflow)	The sink outlet is blocked.	Clean out sink outlet.
	Water drain hose has not been correctly positioned.	Check the position of the hose.
3 short warning tones continuously repeated can be heard, Fault code i30 is displayed in the multi-display.	The anti-flood system has been triggered.	First shut off the water tap, then switch off the appliance and contact the Customer Care Department.
The cycle is not starting.	The mains plug is not plugged in.	Plug in mains plug.
	A fuse in the house's wiring system is defective.	Replace fuse.
	For dishwasher models with a delay start timer: A start time has been selected.	If the dishes are to be washed immediately, cancel the delay start.
Rust spots are visible in the dishwashing compartment.	The dishwashing compartment is made from rust-free stainless steel. Rust spots in the dishwashing compartment are due to rust particles from external sources (rust particles from water pipes, pans, cutlery, etc.). Remove such spots with a commercially-available cleaning product for stainless steel.	Only wash cutlery, dishes and pans that are suitable for dishwasher use.
A whistling noise can be heard when washing dishes.	The whistling is not a cause for concern.	Decalcify appliance with commercially available agents for cleaning dishwashers. If the noises can still be heard after decalcifying the machine, use a different brand of detergent for washing cutlery and dishes.

If the dishwashing results are not satisfactory

The dishes are still dirty.

- The wrong dishwashing cycle was selected.
- The dishes were loaded is such a way that the dishwashing water did not reach all items. The baskets for the dishes must not be overloaded.
- The filters in the base of the washing compartment are dirty or incorrectly positioned.
- Good quality detergent was not used, or too little was used.
- In the case of scale deposits on the dishes: The special salt dispenser is empty or the water softening system has been incorrectly set.
- The drain hose is incorrectly positioned.
- Pollutants from the water in the dishwasher can block the jets in the spray arms. You have the option of removing the spray arms from their fixture for cleaning (see section "Care and Cleaning").

The dishes do not dry and are not shining.

- Poor quality rinse aid was used.
- The rinse aid dispenser is empty.

There are smears, streaks, milky spots or a shiny bluish coating on glasses and dishes.

- Lower rinse aid dosage.

There are dried water drops on the glasses and dishes.

- Increase rinse aid dosage.
- The detergent may be the cause. Contact the detergent manufacturer's customer advice centre.

Glass corrosion

- Contact the detergent manufacturer's customer advice centre.

Disposal

Packaging material
The packaging materials are environmentally friendly and can be recycled. The plastic components are identified by markings, e.g. >PE<, >PS<, etc. Please dispose of the packaging materials in the appropriate container at the community waste disposal facilities.

Old appliance

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Warning! When your appliance has finished its working life, remove the plug from the socket. Cut off the cable and plug and dispose of them.
Break the door lock so that the door no longer shuts. This prevents children from trapping themselves inside and endangering their lives.

Technical data

Capacity:	11 place settings including serving dishes
Permitted water pressure:	1-10 bar (=10-100 N/cm^2 = 0.1-1.0 MPa)
Electrical connection:	230 V, 10 A, also see the rating plate on the right-hand side of the dishwasher's interior door.
Total output	2250 W
Dishwashers that can be integrated and built-in	
Dimensions:	759 x 546 x 570 (H x W x D in mm)
Max. weight:	55.3 kg

CE This appliance conforms with the following EU Directives:
– 73/23/EEC dated 19.02.1973 Low Voltage Directive
– 89/336/EEC dated 03.05.1989 EMC Directive inclusive of Amending Directive 92/31/EEC
– 93/68/EEC dated 22.07.1993 CE Marking Directive

Notes for Test Institutes

Testing in accordance with EN 60704 must be carried out with the appliance fully loaded and using the test cycle (see "Cycle Table").
Tests in accordance with EN 50242 must be carried out when the salt dispenser in the water softener and the rinse aid dispenser have been filled with salt and rinse aid respectively, and using the test cycle (see "Cycle Table").

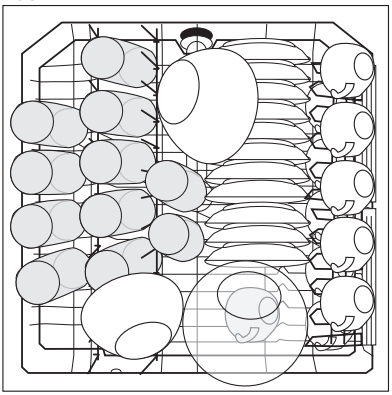
	Full load: 11 place settings incl. serving dishes
Amount of detergent required:	27.5 g in the dispenser for detergent
Rinse aid setting:	6

Measurement of noise

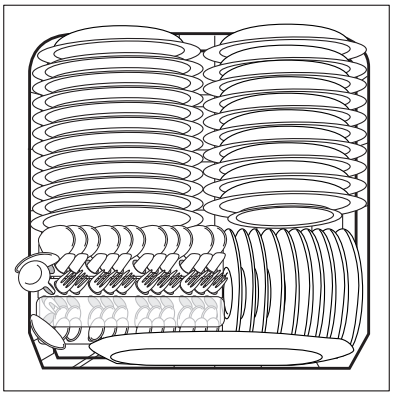
- The measurement is to be made immediately following a completed short cycle.

Sample loading arrangements:

Upper basket *

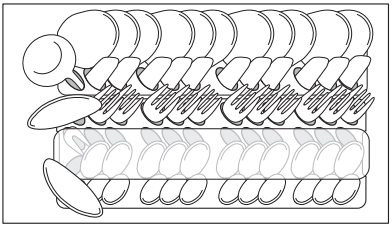


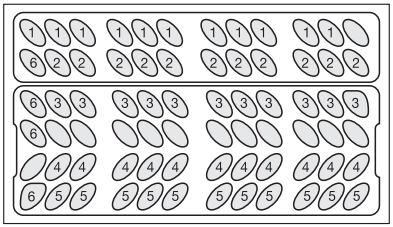
Lower basket



* Upper basket in bottom (lowered) position

Cutlery basket



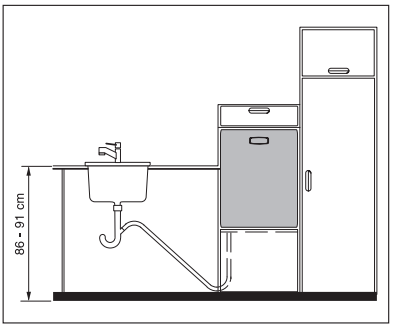


1 Soup spoon
2 Knife
3 Fork
4 Dessert spoon
5 Teaspoon
6 Serving spoon

⚠ Safety information for the installation

- Only transport the dishwasher in an upright position, otherwise salt water may run out.
- Before using the dishwasher for the first time, check for any damage caused in transport. Do not under any circumstances connect an appliance that is damaged. In the case of damage, please contact your supplier.
- Never use the dishwasher if the mains cable, water inlet or drain hose are damaged; or if the control panel, work top or plinth area are damaged such that the inside of the appliance is freely accessible.
- Always plug the mains plug into a correctly installed shockproof socket.
- Permanent connection: a permanent connection must only be installed by a trained electrician.
- Prior to using the appliance for the first time, ensure that the rated voltage and type of supply on the rating plate match that of the supply where the appliance is to be installed. The fuse rating is also to be found on the rating plate.
- Multi-way plugs / connectors and extension cables must not be used. This could constitute a fire hazard through overheating.
- The dishwasher's cable must only be replaced by the Customer Care Department or a registered electrician.
- A water inlet hose with safety valve must only be replaced by the Customer Care Department.

General



- The dishwasher is supplied ready to be connected to the electrical supply, i.e. with electrical cable, installed drain hose and inlet hose with filter.
- The dishwasher may be built into recesses made of flammable materials without additional measures being taken.
- It is preferable that the connection to the mains is located in the unit next to the dishwasher. It must not be directly behind the appliance.
- **The regulations of the local water board and electricity company must be observed.**

Connecting to the water supply

Inlet

- Water pressure: 1–10 bar (flow pressure)
- The appliance can be connected to cold and hot water, maximum temperature 65 °C.
- The site must provide a regulating tap with G 3/4" outlet.
- The appliance **must** be connected with the plastic pressure hose supplied (with filter, in accordance with EN61770, 10 bar.)
- Installation of an IRG filter is recommended as part of the house's water system.
- After the regulating tap is opened, no water may leak out of the connection fittings.
- If connecting to the hot water system, the threaded joints must be checked a few minutes after the machine is first used and tightened if necessary. (Be careful not to overwind the threaded joints.)

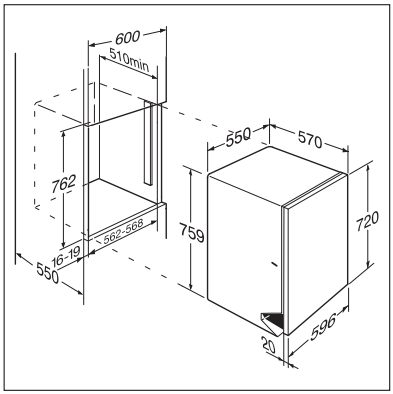
Drainage

- The flexible drain hose with an inner diameter of 22 mm is to be laid **with no kinks**.
- The appliance can also be installed above the level of the sink spigot. A return inhibitor is integrated into the machine's drainage and therefore connection fittings with non-return valves are not necessary.
- The preferred connection is via the spigot of the sink outlet in the unit next to the machine.
- The highest point of the drain hose is not to be more than 500 mm above the floor of the appliance.

Installing and fitting the hinged door

A normal kitchen unit door with the following dimensions can be used as a hinged door:

- Max width 596 mm
- Max. height 720 mm
- Max. depth 20 mm
- Weight (including handle) 3 kg to max. 8 kg



Do not exceed maximum door height, as otherwise the door will not be able to close properly.

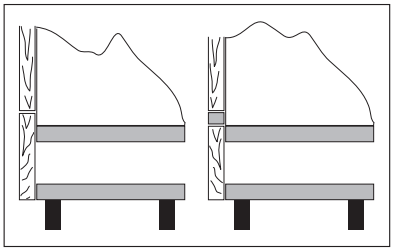
The hinged door must be fitted with a handle.

The hinges needed for installation and the associated screws are standard parts (included in the delivery).

Hinged doors with special handles are also available as accessories. These must be ordered separately:

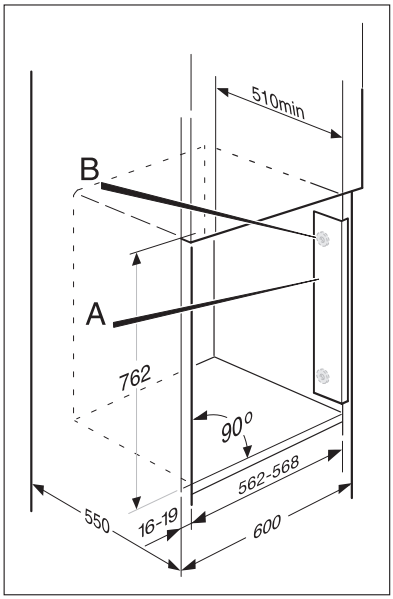
- Hinged door set in "AEG Nexxt" design: Accessory number 153 1295 00
- Hinged door set in "Century" design: Accessory number 153 1296 00

The plinth area that can still be seen after the hinged door has been installed can either be hidden with a matching panel, or by extending the panel of the kitchen unit that is under the appliance.

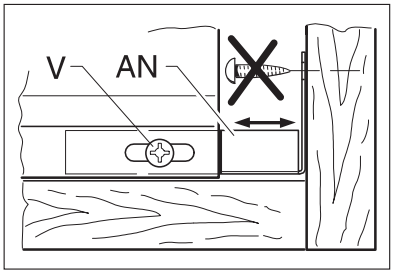


Fitting the hinged door

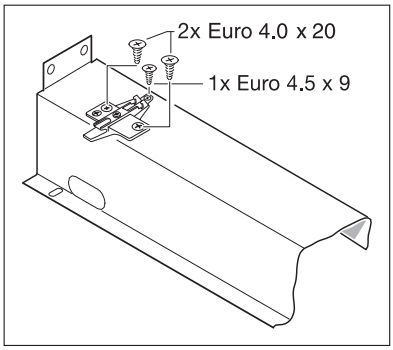
1. Fit the two lateral bars **A** as shown in the figure opposite. Align bars at the top so that the upper hole lies over the pre-mounted aligning disk.
   With a width of 568 mm first fix the additionally supplied aligning disks **B** on the already pre-mounted aligning disks.
2. Screw in the bars at the top only.
3. Stand the machine in front of the kitchen unit into which it is to be installed. Place cable and hoses into the neighbouring unit.
   As you push the machine in, keep on pulling the cable and hoses through and ensure that they do not become kinked.



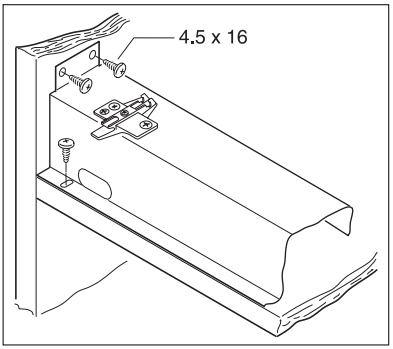
4. Align the machine laterally in the plinth area with the angle **AN**, tighten the screw **V** slightly.



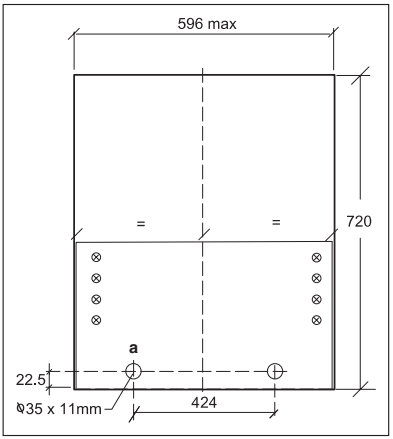
5. Before installation of the hinge support: Screw bottom unit of the hinge into the holes provided in the hinge support.



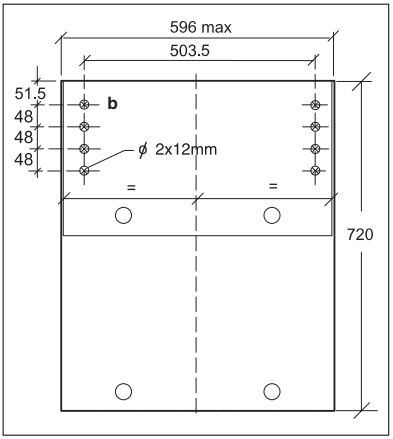
6. Place the hinge supports evenly spaced on the floor of the recess and align flush with the front of the floor of the recess. Fasten with the 6 wood screws supplied.



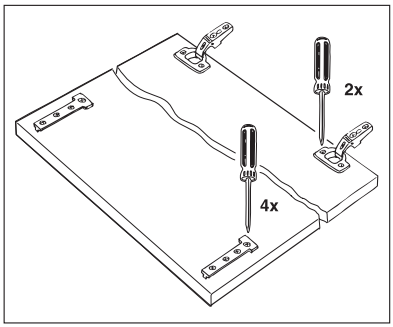
7. Using the drilling template supplied, mark out and drill two holes **a** (ø35 mm, 11 mm deep) for the hinges at the bottom of the hinged door. To do this, align the drilling template with the bottom edge of the hinged door.



8. Using the drilling template supplied, mark out and drill 8 holes **b** for the two guides (ø2 mm, 12 mm deep) at the top of the hinged door. To do this, align the drilling template with the top edge of the hinged door.

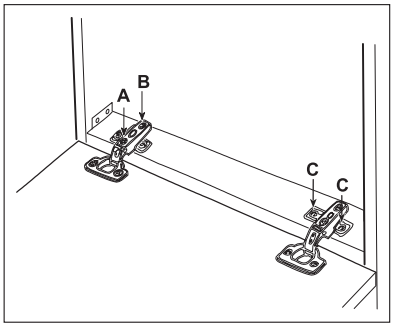


9. Screw the hinges using 4 countersunk head wood screws and the guides using 8 Spax screws (4.0 x 20, pozidrive) to the hinged door.

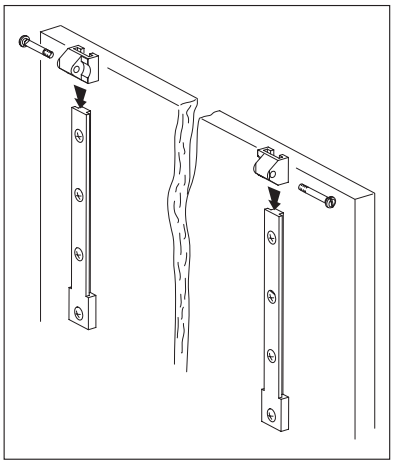


10. Snap the hinges on the hinged door into the bottom units of the hinges. Hold the hinged door carefully, so that the hinges are not bent.

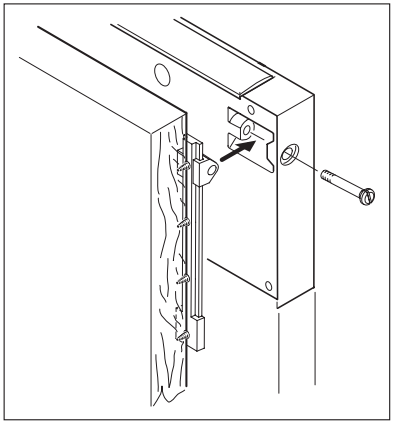
11. Adjust the hinges using the screws **A**, **B** and **C** to match the kitchen unit (width of gap, etc.)



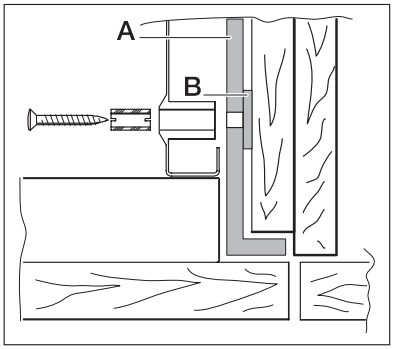
12. Insert the guiders into the guides.



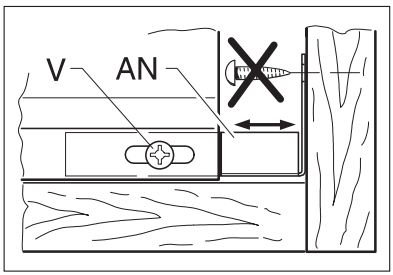
13. Fix the guiders with screws to the right and the left on the appliance door.



14. Adjust the depth of the appliance, open the appliance door carefully, without changing the position found. Fix the appliance laterally at the top using wood screws.



15. Fix the appliance laterally by tightening screw **V**. To do this, there are 2 oblong holes to the right and left in the hinge support to allow access for the screwdriver.

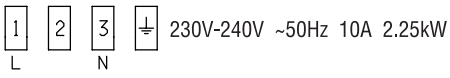


Connection to the electrical supply

Installation must be via a mains cable with a plug. The plug must be accessible after the installation, or a separation device with at least a 3 mm contact gap must be provided in the permanent house wiring that gives the appliance simultaneous all-pole separation from the electrical supply.

House's electrical system:
Install fuse, mains cable and socket in accordance with the electrical schematic.

Wiring:
Heating element voltage 230 V



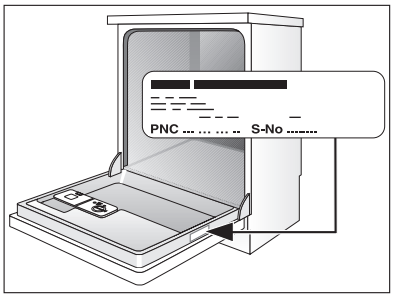
Service

In the event of technical faults, please first check whether you can remedy the problem yourself with the help of the operating instructions (section "What to do if...").

If you were not able to remedy the problem yourself, please contact the Customer Care Department or one of our service partners.

In order to be able to assist you quickly, we require the following information:

– Model description
– Serial number (S No.)
  (for numbers see rating plate)
– Type of fault
– Any error messages displayed by the appliance



So that you have the necessary reference numbers from your appliance at hand, we recommend that you write them in here:

Model description: .....

Serial number: .....

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